

Table 1 to § 3175.100: Standards for Electronic Gas Measurement Systems

Standards for Electronic Gas Measurement Systems					
Subject	Reference (API standards incorporated by reference, see § 3175.30)	VL	L	H	VH
EGM system commissioning	API 21.1, Subsection 7.3	n/a	x	x	x
Access and data security	API 21.1, Section 9	x	x	x	x
No-flow cutoff	API 21.1, Subsection 4.4.5	x	x	x	x
Manifolds and gauge lines	§ 3175.101(a)	n/a	x	x	x
Display requirements	§ 3175.101(b)	x	x	x	x
On-site information	§ 3175.101(c)	x	x	x	x
Operating within the calibrated limits	§ 3175.101(d)	n/a	x	x	x
Flowing-temperature measurement	§ 3175.101(e)	n/a	x	x	x
Verification after installation or following repair <sup>1</sup>	§ 3175.102(a)	x	x	x	x
Routine verification frequency, in months <sup>1</sup>	§ 3175.102(b)	12	6	3	3
Routine verification procedures	§ 3175.102(c)	x	x	x	x
Redundancy verification	§ 3175.102(d)	x	x	x	x
Documentation of verification	§ 3175.102(e)	x	x	x	x
Notification of verification	§ 3175.102(f)	x	x	x	x
Volume correction	§ 3175.102(g)	n/a	x	x	x
Test-equipment requirements	§ 3175.102(h)	x	x	x	x
Flow-rate calculation <sup>2</sup>	§ 3175.103(a)	x	x	x	x
Atmospheric pressure	§ 3175.103(b)	x	x	x	x
Volume calculation	§ 3175.103(c)	x	x	x	x
QTR requirements	§ 3175.104(a)	x	x	x	x
Configuration log requirements	§ 3175.104(b)	x	x	x	x
Event log	§ 3175.104(c)	x	x	x	x
Alarm log	§ 3175.104(d)	x	x	x	x
Accounting systems	§ 3175.104(e)	x	x	x	x

VL=Very-low-volume FMP; L=Low-volume FMP; H=High-volume FMP; VH=Very-high-volume FMP,

<sup>1</sup> = Immediate assessment for non-compliance under § 3175.150

<sup>2</sup> = Applies to all high- and very-high-volume FMPs and FMPs installed at low- and very-low-volume FMPs after January 17, 2017. See § 3175.61 for requirements pertaining to FMPs installed at low- and very-low-volume FMPs before January 17, 2017.